

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	223	600/554.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/05 19:45
L2	96	1 and (wire or wire\$1based or wireless)	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/05 19:59
L3	27	1 and ear	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/05 19:59
L4	19	(US-20040138517-\$ or US-20030014087-\$).did. or (US-4966164-\$ or US-6522929-\$ or US-6721603-\$ or US-7076307-\$ or US-6587728-\$ or US-5374279-\$ or US-4553546-\$ or US-5431692-\$ or US-6662052-\$ or US-6663570-\$ or US-6662051-\$ or US-5514175-\$ or US-4232678-\$ or US-6129685-\$ or US-6256539-\$ or US-6751506-\$ or US-5218960-\$).did.	US-PGPUB; USPAT	OR	ON	2007/01/05 20:08
S1	11	chung-jong-pil.in. or kang-sung-min.in. or kim-ye-won.in. or lee-chong-hyun.in.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/04 11:47
S2	26290	"607"/\$.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/04 11:45
S3	168	(vagus or vagal) same (ear or auricle or auditory)	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/04 12:03
S4	68	alpha\$1wave	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/04 17:32
S5	168	(vagus or vagal) same (ear or auricle or auditory)	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/04 17:53
S6	1	S5 and S4	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/04 12:04
S7	146265	alpha\$1wave or (low adj frequenc\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/04 17:46
S8	25	S5 and S7	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/04 17:45

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S9	26290	"607"/\$.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/04 17:33
S10	133	(vagal or vagus) same (ear or auditory)	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/04 18:12
S11	167362	alpha\$1wave or (low adj frequenc\$3) or (("7" or "8" or "14" or "12") adj (Hz or hertz))	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/04 19:11
S12	17	S9 and S10 and S11	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/04 18:03
S13	50	S10 and ((low adj frequenc\$4) or hz)	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/04 18:04
S14	1	("5458625").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/04 18:10
S15	41	("20010056227"   "2622601"   "2771554"   "2808826"   "4019519"   "4084595"   "4340063"   "4431002"   "4442839"   "4531527"   "4556064"   "4712562"   "4759368"   "4838275"   "4926865"   "4949721"   "5003984"   "5012411"   "5184617"   "5458625"   "5607460"   "5653739"   "5810747"   "5822715"   "5836993"   "5861017"   "5873900"   "5935060"   "5935156"   "5960403"   "6012034"   "6022315"   "6024539"   "6148814"   "6168563"   "6308102"   "6427083"   "6459933").PN. OR ("6662051").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/04 18:54
S16	26	("2986140"   "3140709"   "4073296"   "4098277"   "4267838"   "4311448"   "4319584"   "4450846"   "4615681").PN. OR ("4966164").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/04 18:59
S17	2502	ear same (alpha\$1wave or (low adj frequenc\$3))	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/04 19:12

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S18	76	S9 and S17	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/04 19:13
S19	38	S18 and (Hz or hertz)	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/04 19:25
S20	909	S9 and (("7" or "8" or "9" or "10" or "11" or "12" or "13" or "14") adj (hz or hertz))	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/04 19:27
S21	148	S20 and ear	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/04 19:32
S22	6	S20 and (ear same (vagus or vagal or auricular or auricle))	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/04 19:29
S23	26	S21 and acu\$1puncture	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/04 19:32
S24	5	("4232678"   "4966164"   "5211184"   "5247946"   "5514175").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/04 19:56
S25	41	S9 and ((key or button) same (frequenc\$4 or voltage)) and (switch\$4 with (wire or wireless or telemetr\$2)) and (alarm or alert\$3 or warn\$3) and oscillat\$4 and ((transmit\$4 same receiv\$4) or transceiver) and (battery or power)	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/05 11:34
S26	21	S9 and ((key or button) same (frequenc\$4 or voltage)) and (switch\$4 with (wire or wireless or telemetr\$2)) and (alarm or alert\$3 or warn\$3) and oscillat\$4 and ((transmit\$4 same receiv\$4) or transceiver) and (battery or power) and (low adj frequenc\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/04 20:08
S27	15	S25 and (auricle or auricular or ear or vagus or vagal)	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/04 20:08
S28	26290	"607"/\$.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/05 11:34

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S29	41	S28 and ((key or button) same (frequenc\$4 or voltage)) and (switch\$4 with (wire or wireless or telemetr\$2)) and (alarm or alert\$3 or warn\$3) and oscillat\$4 and ((transmit\$4 same receiv\$4) or transceiver) and (battery or power)	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/05 11:55
S30	15	S29 and ear	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/05 11:51
S33	18	auriculotherapy	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/05 11:51
S35	5	S33 and ((key or button) same (frequenc\$4 or voltage))	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/05 11:55
S36	5	((("4232680") or ("6662052") or ("6522929") or ("7076307") or ("4966164"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/05 16:11
S37	3	S36 and (button or key)	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/05 14:40
S38	4273	(detect\$4 or determin\$4) same wire same wireless\$2	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/05 16:12
S39	26290	"607"/\$.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/05 16:12
S40	63	S39 and S38	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/05 16:39
S41	757	439/909.ccls. or 607/37,38,62.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/05 18:01
S42	219	607/62.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/05 18:21
S43	35	S42 and ((wire or wire or wired or wire\$1based) same (wireless or telemetr\$4 or RF))	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/05 16:40
S44	100	607/62.ccls. and wire\$6	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/05 17:52
S45	1859	S41 or (607/1,2.ccls.)	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/05 18:02

## EAST Search History

S46	697	S45 and (detect\$4 or determin\$4 or indicat\$4) with (wire or wireless\$3 or wire\$1based or lead or connect\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/05 18:24
S47	300	S46 and (ear or nerve or vagal)	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/05 18:08
S48	0	"60737".ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/05 18:21
S49	282	607/37.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/05 18:45
S50	123	S45 and ((detect\$4 or determin\$4 or indicat\$4) with (wire or wireless\$3 or wire\$1based or lead or connect\$4)) same (mode or state)	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/05 18:24
S51	187	S49 and (wire or wireless\$2)	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/05 18:47